

WHAT IS CLAIMED IS:

1. An ultra-violet lamp and reflector/shield assembly comprising:
a reflector/shield provided with a generally parabolic inner surface and a generally convex outer surface; and

an ultra-violet lamp so mounted to said reflector/shield that said inner surface of said reflector/shield reflects a portion of ultra-violet radiation emitted by said lamp.

2. An ultra-violet lamp and reflector/shield assembly as recited in claim 1, wherein said reflector shield is longitudinal and is made of a material that reflects ultra-violet radiation.

3. An ultra-violet lamp and reflector/shield assembly as recited in claim 2, wherein said material includes aluminum.

4. An ultra-violet lamp and reflector/shield assembly as recited in claim 1, wherein said reflector/shield is generally L-shaped and wherein said ultra-violet lamp is also L-shaped.

5. An ultra-violet lamp and reflector/shield assembly as recited in claim 4, wherein said generally L-shaped reflector/shield is made of two longitudinal reflector/shield portions joined at 45 degrees.

6. An ultra-violet lamp and reflector/shield assembly as recited in claim 5, wherein each longitudinal reflector/shield portion is made of a material that reflects ultra-violet radiation.

7. An ultra-violet lamp and reflector/shield assembly as recited in claim 6, wherein said material includes aluminum.

8. An ultra-violet lamp and reflector/shield assembly as recited in claim 1, wherein said reflector/shield includes at least one internal clip to mount the ultra-violet lamp thereto.

9. An ultra-violet lamp system comprising:

a support;

at least two ultra-violet lamp assemblies removably mounted to said support; each said at least two ultra-violet lamp assemblies including:

a reflector/shield provided with a generally parabolic inner surface and a generally convex outer surface; and

an ultra-violet lamp so mounted to said reflector/shield that said inner surface of said reflector/shield reflects a portion of ultra-violet radiation emitted by said lamp.

10. An ultra-violet lamp system as recited in claim 9, wherein said reflector/shield is provided with at least one internal clip to mount the ultra-violet lamp thereto and an external clip to mount the ultra-violet lamp assembly to the support.

11. An orienting and securing assembly for an ultra-violet lamp assembly; said orienting and securing assembly comprising:

a mounting plate provided with an ultra-violet lamp receiving aperture;

a supporting plate so mounted to said mounting plate as to pivot between a non securing position and a securing position; wherein, when said supporting plate is in said securing position, it is configured to secure a portion of the ultra-violet lamp assembly between the mounting plate and the supporting plate.

12. An orienting and securing assembly as recited in claim 11, wherein said support plate is mounted to the mounting plate via two bolts provided with nuts; said orienting and securing assembly further comprising two washers

provided on said bolts between the supporting and mounting plates to allow a rounded portion of the UV lamp assembly to rotate thereon, thereby facilitating the orientation of the UV lamp assembly.

13. An orienting and securing assembly as recited in claim 11, further comprising a lock to further secure the UV lamp assembly.

14. An orienting and securing assembly as recited in claim 11, further comprising at least one biasing element biasing said supporting plate towards said non supporting position.

15. An orienting and securing assembly for an ultra-violet lamp assembly; said orienting and securing assembly comprising:

a round support configured and sized to receive the ultra-violet lamp assembly;

a mounting plate provided with an ultra-violet lamp receiving aperture and two bolts; and

a supporting plate so mounted to said two bolts of said mounting plate as to pivot between a non securing position and a securing position; said orienting and securing assembly further comprising two washers provided on said bolts between the supporting and mounting plates to allow said round support to rotate thereon, thereby facilitating the orientation of the UV lamp assembly;

wherein, when said supporting plate is in said securing position, it is configured to secure said round support between the mounting plate and the supporting plate.

16. An orienting and securing assembly as recited in claim 15, further comprising a lock to further secure the UV lamp assembly.

17. An orienting and securing assembly as recited in claim 15, further comprising at least one biasing element biasing said supporting plate towards said non supporting position.